

JUL 25 2008

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-18 (cancelled)

Claim 19 (currently amended) An in vitro buccal dissolution test method, comprising the steps of:

- a) passing a release medium through a filtration cell, the filtration cell comprising a first chamber separated from a second chamber by a filter, the first chamber having a dip-tube and also the second chamber having an outlet separate from the dip-tube, the outlet being connected to a flow-through uv cell;
 - b) adding a test sample to the first chamber of the filtration cell;
 - c) passing the release medium through the filtration cell such that an undissolved portion of small particles in the test sample is passed through the dip-tube and is transferred out of the filtration cell;
 - d) removing samples of the release medium from the filtration cell through the outlet such that the samples of the release medium do not contain any undissolved material;
 - e) maintaining the temperature of the filtration cell at the desired temperature for the duration of the dissolution test;
 - f) performing an in vitro buccal dissolution test by analyzing the samples of the release medium in the flow-through uv cell to determine the concentration of substance dissolved from the test sample;
 - g) optionally, repeating the step of analyzing the samples of the release medium at multiple times during the duration of the in vitro buccal dissolution test;
- ~~wherein the dissolution test is performed using apparatus comprising:~~
- ~~A) a supply of the release medium;~~

~~B) a means for transferring small solid particles out of the filtration cell;~~

~~C) a means of mixing the sample and the release medium;~~

~~wherein the solid particles are of small particle size.~~

Claim 20 (previously presented) The in vitro buccal dissolution test method of claim 19, wherein the flow rate of the release medium and volume of liquid in the filtration cell is constant throughout the dissolution test, further provided that the flow rate of the release medium, the temperature of the release medium, the volume of liquid in the filtration cell, and the amount of the test sample are adjusted to give physiologically relevant conditions.

Claim 21 (previously presented) The in vitro buccal dissolution test method of claim 19, wherein the release medium is a fluid of physiological relevance.

Claim 22 (previously presented) The in vitro buccal dissolution test method of claim 19, wherein the release medium is selected from the group consisting of water, simulated saliva, and buffer solutions.

Claim 23 (previously presented) The in vitro buccal dissolution test method of claim 19, wherein the test sample comprises an active substance used in the pharmaceutical industry.

Claim 24 (previously presented) The in vitro buccal dissolution test method of claim 19, wherein the test sample has an objectionable taste.

Claim 25 (currently amended) The in vitro buccal dissolution test method of claim 19, wherein the ~~means for transferring the particles out of the cell~~ dip-tube comprises tubing of internal diameter of 0.5 to 3.0mm, and wherein the solid particles are carried through the tubing by the flow of the release medium.